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| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
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| 10/686,504      | 10/14/2003  | Mika Kalenius        | 944-004.036         | 3547             |

4955 7590 09/10/2007  
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| EXAMINER |
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VU, VIET DUY

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| ART UNIT | PAPER NUMBER |
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2154

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| MAIL DATE | DELIVERY MODE |
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09/10/2007

PAPER

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

## Office Action Summary

Application No.

10/686,504

Applicant(s)

KALENIUS ET AL.

Examiner

Viet Vu

Art Unit

2154

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

### Status

- 1) ☒ Responsive to communication(s) filed on 02 August 2007.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

### Disposition of Claims

- 4) ☒ Claim(s) 1-38 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-38 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

### Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
  - ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

### Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO/SB/08)  
Paper No(s)/Mail Date 8/07.
- 4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_\_.
- 5) ☐ Notice of Informal Patent Application
- 6) ☐ Other: \_\_\_\_\_.

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**Art Rejections:**

1. The texts of 35 U.S.C. 102(e) and 103(a) cited in the previous office action are hereby incorporated by reference.

2. Claims 1-9, 11, 13-15, 18-20, 22-24, 27-31, 33-34, 36 and 38 are rejected under 35 U.S.C. 102(e) as being clearly anticipated by Muthuswamy et al, U.S. pat. No. 6,853,368.

Per claims 1-5, Muthuswamy discloses a mobile phone comprising:

- a) a display for displaying text/graphics (see col 4, lines 7-20);
- b) an arrangement of keys for inputting characters to the phone, selecting desired operational functionalities of the phone and navigating sub-operational functions within a selected operational functionality (see col 3, lines 5-38);
- c) means using a suitable alerting mechanism, e.g., illuminating/highlighting, for hinting next possible sub-operational functionalities available in the selected operation functionality (see col 6, lines 1-45).

Per claims 6-8, Muthuswamy also teaches providing the user prompting instructions (see col 4, lines 21-31).

Per claims 9, 11 and 13, Muthuswamy's teachings encompass all claim limitations.

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Claims 14-15, 18-20, 22-24, 27-31, 33-34, 36 and 38 are similar in scope as that of claims 1-9, 11 and 13.

3. Claims 10, 12, 21, 25-26, 32, 35 are rejected under 35 U.S.C. 103(a) as being unpatentable over Muthuswamy et al, U.S. pat. No. 6,853,368.

Muthuswamy does not explicitly teach flashing keys, providing distinctive tones corresponding to given keys and displaying a virtual keypad. An official notice is taken that such features are widely known and used on a prior art mobile phone. It would have been obvious to one of ordinary skill in the art at the time of the invention to utilize such features in Muthuswamy because it would have provided additional alerting mechanism for implementing the hinting functions.

4. Claims 16-17 and 37 are rejected under 35 U.S.C. 103(a) as being unpatentable over Muthuswamy et al, and further in view of Myr, U.S. pat. Appl. Pub. No. 2001/0029425.

Muthuswamy does not teach providing voice recognition and voice guidance functions in the mobile phone. The use of such voice recognition and voice guidance in a mobile phone is well known in the art as disclosed by Myr (see Myr in par. 11 and 75-76).

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It would have been obvious to one of ordinary skill in the art at the time of the invention to utilize such voice command and voice recognition and voice guidance in Muthuswamy because it would have provided a hand-free operation for the mobile phone.

**Response to Amendment:**

5. Applicant's arguments filed on August 2, 2007 with respect to claims 1-3~~8~~ are moot in view of new grounds of rejection set forth above.

**Conclusion:**

6. Applicant's amendment necessitated the new grounds of rejection. Accordingly, **THIS ACTION IS MADE FINAL**. See M.P.E.P. § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 C.F.R. § 1.136(a).

A SHORTENED STATUTORY PERIOD FOR RESPONSE TO THIS FINAL ACTION IS SET TO EXPIRE THREE MONTHS FROM THE DATE OF THIS ACTION. IN THE EVENT A FIRST RESPONSE IS FILED WITHIN TWO MONTHS OF THE MAILING DATE OF THIS FINAL ACTION AND THE ADVISORY ACTION IS NOT MAILED UNTIL AFTER THE END OF THE THREE-MONTH SHORTENED STATUTORY PERIOD, THEN THE SHORTENED STATUTORY PERIOD WILL EXPIRE ON THE DATE THE ADVISORY ACTION IS MAILED, AND ANY EXTENSION FEE PURSUANT TO 37 C.F.R. § 1.136(a) WILL BE CALCULATED FROM THE MAILING DATE OF THE ADVISORY ACTION. IN NO EVENT WILL THE STATUTORY PERIOD FOR RESPONSE EXPIRE LATER THAN SIX MONTHS FROM THE DATE OF THIS FINAL ACTION.

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7. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Viet Vu whose telephone number is 571-272-3977. The examiner can normally be reached on Monday through Friday from 7:00am to 4:00pm. The Group general information number is 571-272-2100. The Group fax number is 571-273-8300.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Nathan Flynn, can be reached on 571-272-1915.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



VIET D. VU  
PRIMARY EXAMINER

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8/29/07